

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-011249

(43)Date of publication of application : 13.01.1995

(51)Int.Cl.

C09K 11/06
H05B 33/14

(21)Application number : 06-090203

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(22)Date of filing : 27.04.1994

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(30)Priority

Priority number : 05103038 Priority date : 28.04.1993 Priority country : JP

(54) THIN FILM ELECTROLUMINESCENT ELEMENT AND ITS PRODUCTION

(57)Abstract:

PURPOSE: To produce the subject element which has the electroluminescent layer containing a specific polyoxydiazole derivative and is useful in information display because of its excellent electroluminescent properties, charge injection, transportation and durability.

CONSTITUTION: The objective element has the electroluminescent layer comprising polyoxydiazole derivative of the formula (X, Y are difunctional organic groups; $n > 2$) which is formed by the deposition polymerization between the electrodes at least one of which is transparent. In the element, the electroluminescent layer preferably contains fluorescent dyes or pigments in an amount of 0.01 to 10 mole% per the recurring unit of the compound of the formula in addition.

